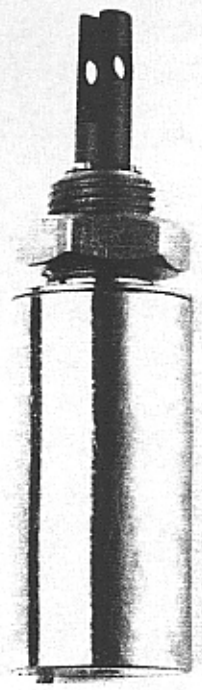
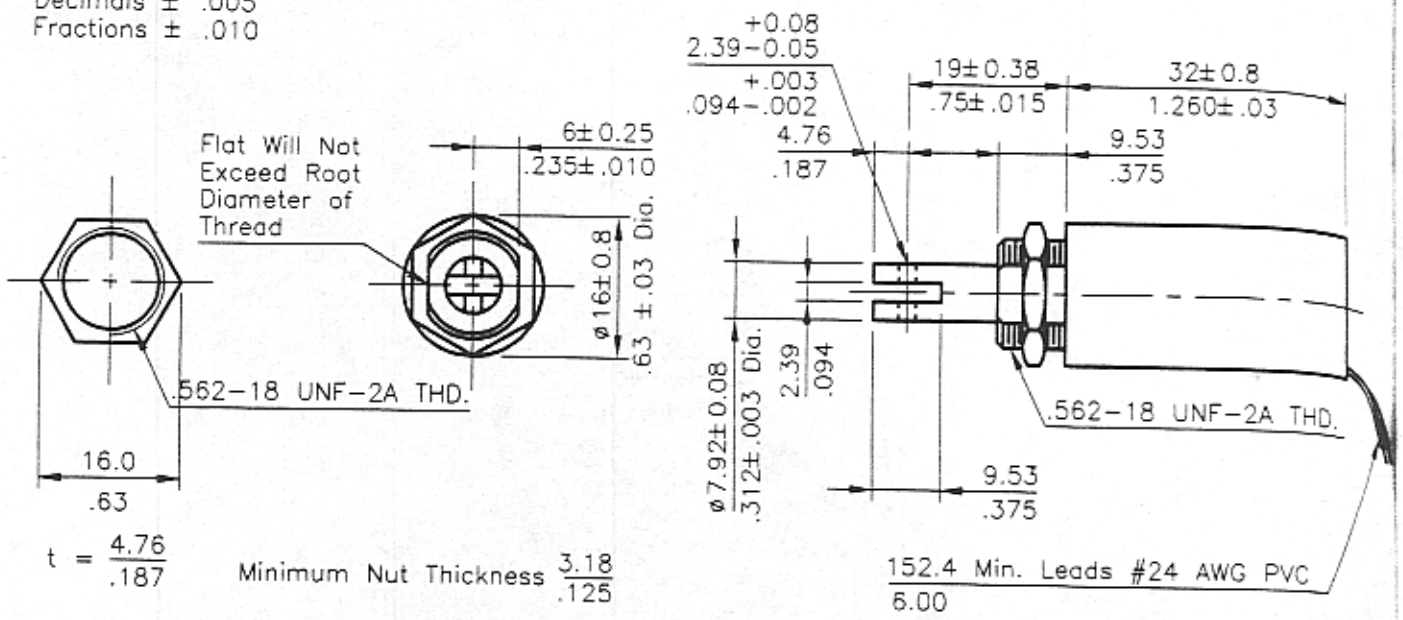
SMT-1632L

P/N 149745

TUBULAR SOLENOID



OUTLINE DRAWING UNIT = mm / inch



ORDERING INFORMATION

SMT-16 32 L 06 A

- SUN MAGNET
- Tubular Solenoid
- Case dia (mm)
- Frame length (mm)
- L : Pull Type
- Voltage (Duty Cycle 100%)
  - 06 : DC6V 24 : DC24V
  - 12 : DC12V 48 : DC48V
- Specification
  - A : SUN MAGNET standard
  - B to Z : Special design

PERFORMANCE (atinitial value)

Item \ Type	SMT-1632L
Insulation grade	Class E(120℃)
Temperature rise	100deg.Max.(at continuous duty.)
Insulation resistance	More than 100MΩ on a DC 500V megger (at normal temperature and normal humidity)
Dielectric strength	AC1000V, 50/60Hz, 1 minute (at normal temperature and normal humidity)
Operating temp. range	-20℃ ~ + 40℃
Life expectancy	2,000,000 cycles
Plunger weight	6.5g/0.23oz
Total weight	47g/1.658oz

Force (LBS.)

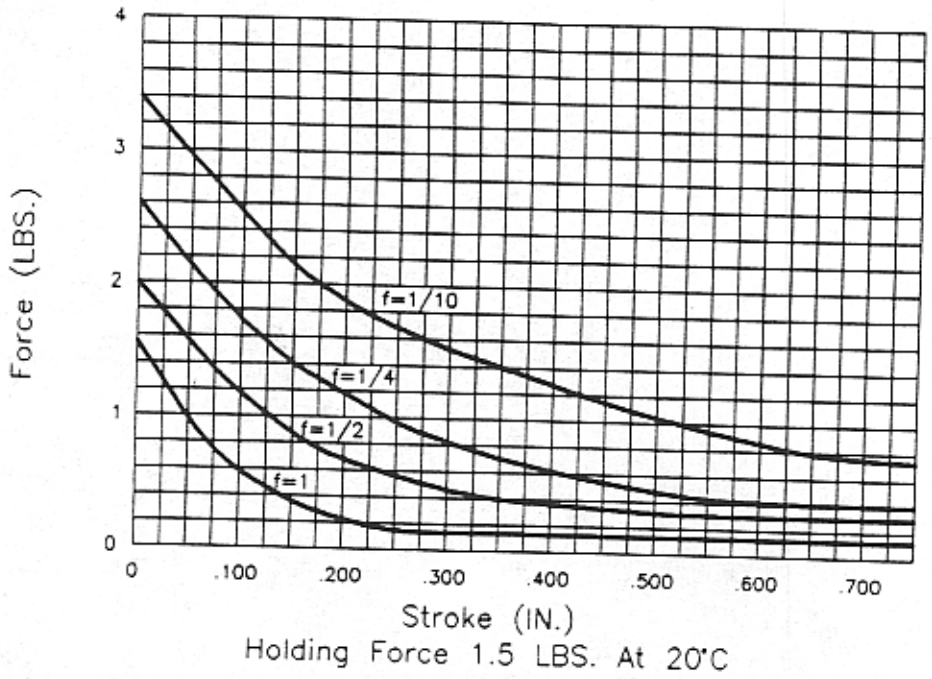
COIL SPECIFICATION (at 20℃)

Coil Sensitivity	Duty Cycle (%)	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (Ω) ± 10%	Power Consumption (W)	Ampere Turns (AT)	Maximum "ON"time (SEC)
SMT-1632L06A	100% Continuous	6	1167	5.14	7.0	abt. 840	∞
	50% or less	8.5	1654		14.0	abt. 1191	230
	25% or less	12	2335		28.0	abt. 1681	25
	10% or less	19	3696		70.0	abt. 2661	6
SMT-1632L12A	100% Continuous	12	580	20.7	7.0	abt. 838	∞
	50% or less	17	821		14.0	abt. 1186	230
	25% or less	24	1159		28.0	abt. 1675	25
	10% or less	37.9	1836		70.0	abt. 2653	6
SMT-1632L24A	100% Continuous	24	287	83.5	7.0	abt. 844	∞
	50% or less	33.9	407		14.0	abt. 1197	230
	25% or less	48	575		28.0	abt. 1691	25
	10% or less	75.9	910		70.0	abt. 2675	6
SMT-1632L48A	100% Continuous	48	148	325	7.0	abt. 794	∞
	50% or less	67.9	206		14.0	abt. 1124	230
	25% or less	96	292		28.0	abt. 1589	25
	10% or less	151.8	465		70.0	abt. 2513	6

CHARACTERISTICS (Typical data at 20℃)

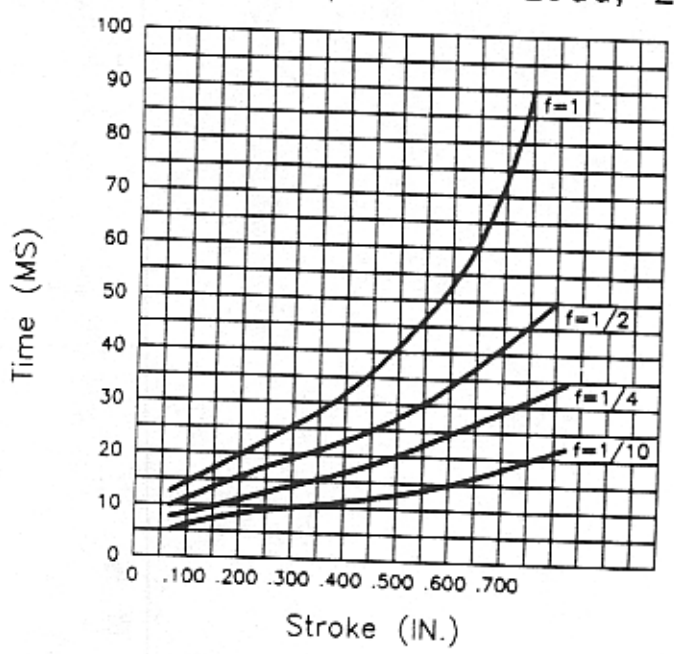
f=Duty Cycle

Force vs Stroke, Typical, 20° C



Holding Force 1.5 LBS. At 20°C

Typical Speed No Load, 20° C



To Stop The Damage That Can Happen When Solenoid Pole Faces Slam Together, Our Solenoids Have Heavy Duty Plunger Stops And Resilient Impact Cushions.